

IN THE CLAIMS

1. (Currently amended) A nylon film consisting of (a) one or more aliphatic primary diamine and one or more aliphatic dicarboxylic acid, (b) an omega-aminocarboxylic acid, (c) an omega-aminocarboxylic lactam, or (d) a mixture of two or three of (a), (b), and (c), and having a liquid at least partially absorbed therein, wherein the liquid has been applied to a surface of the nylon film and prior to application of the liquid to the surface, the surface has been surface activated such that the surface has a dyne level of at least about 50 dynes and the amount of liquid able to be absorbed by the nylon film after said surface activation is higher than the amount able to be absorbed before said activation.

2. (Previously presented) The film of claim 1, wherein the surface is activated by plasma treatment, flame treatment, corona discharge, UV irradiation, electron beam irradiation, or gamma irradiation.

3. (Previously presented) The film of claim 1, wherein the surface is activated by corona discharge.

4. (Cancelled)

5. (Cancelled)

6. (Original) The film of claim 1, wherein the liquid has been applied to the surface in an amount of between about 0.4 to about 10mg/cm².

7. (Previously presented) The film of claim 1, in the form of a food packaging film, whereby in use the surface is a food contact surface.

8. (Cancelled)

9. (Currently amended) The film of claim 1, ~~wherein the nylon~~ further comprises comprising a a crosslinked polyvinylpyrrolidone.

10. (Cancelled)

11. (Cancelled)

12. (Previously presented) The film of claim 7, in the form of a tubular casing.
13. (Previously presented) The film of claim 1, wherein the liquid consists essentially of water.
14. (Previously presented) The film of claim 1, wherein the liquid is a composition comprising at least one additive for transfer to a packaged food product.
15. (Previously presented) The film of claim 14, wherein the additive is selected from the group consisting of a coloring agent, a flavoring agent, and a coloring and flavoring agent.
16. (Original) The film of claim 15, wherein the additive comprises a Maillard reagent.
17. (Previously presented) The film of claim 1, wherein the liquid includes an agent selected from the group consisting of an antimicrobial agent, a fungicide, or an anti-viral agent.
18. (Cancelled)
19. (Cancelled)
20. (Cancelled)
21. (Cancelled)
22. (Cancelled)
23. (Cancelled)
24. (Cancelled)
25. (Cancelled)
26. (Cancelled)
27. (Cancelled)

28. (Cancelled)

29. (Cancelled)

30. (Cancelled)

31. (Cancelled)

32. (Cancelled)

33. (Cancelled)

34. (Cancelled)

35. (Cancelled)

36. (Cancelled)

37. (Cancelled)

38. (Cancelled)

39. (Cancelled)

40. (Cancelled)

41. (Cancelled)

42. (Currently amended) A food packaging film having at least one surface layer formed from a nylon consisting of (a) one or more aliphatic primary diamine and one or more aliphatic dicarboxylic acid, (b) an omega-aminocarboxylic acid, (c) an omega-aminocarboxylic lactam, or (d) a mixture of two or three of (a), (b), and (c), and having a liquid at least partially absorbed in the nylon, wherein the liquid has been applied to the nylon and prior to application of the liquid to the nylon, the surface layer has been subjected to a surface activation treatment such that the surface has a dyne level of at least about 50 dynes.

43. (Previously presented) The film of claim 42 having a second polyolefin layer.

44. (Previously presented) The film of claim 42 wherein the nylon layer further comprises a crosslinked polyvinylpyrrolidone.

45. (Previously presented) The film of claim 42, wherein the nylon is nylon 6.

46. (Currently amended) The film of claim 44, wherein ~~in~~ the nylon layer comprises 16%, by weight, crosslinked polyvinylpyrrolidone.

47. (Previously presented) The film of claim 43 having a third outer nylon layer.

48. (Previously presented) The film of claim 47, wherein the outer nylon layer is nylon 66.

49. (Currently amended) The film of claim 42, wherein the liquid is absorbed to a depth of ~~at least~~ up to about one-half of a thickness of the nylon surface layer.

50. (Currently amended) The film of claim 42, wherein the liquid is absorbed to a depth of ~~at least~~ up to about 5 ~~mm~~ microns of a thickness of the nylon surface layer.

51. (New) The film of claim 42, wherein the surface layer is subjected to a surface activation treatment such that the surface has a watt density of at least 50 w-min/m².

52. (New) A nylon film consisting of (a) one or more aliphatic primary diamine and one or more aliphatic dicarboxylic acid, (b) an omega-aminocarboxylic acid, (c) an omega-aminocarboxylic lactam, or (d) a mixture of two or three of (a), (b), and (c), and having a liquid at least partially absorbed therein, wherein the liquid has been applied to a surface of the nylon film and prior to application of the liquid to the surface, the surface has been surface activated such that the surface has a watt density of at least about 50 w-min/m².

53. (New) The nylon film of claim 52, wherein the surface has a watt density of up to about 500 w-min/m².

54. (New) The nylon film of claim 52, wherein the liquid is absorbed up to about one-half of a thickness of the nylon film.